



JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060


www.Jssateb.ac.in



FACULTY PROFILE

Department: Computer Science & Engineering

1. Personal Details

| | | |
|---------------------------|---------------------------------|---|
| NAME | Dr. Manjunath B Talawar |  |
| DEPARTMENT | Computer Science & Engineering | |
| DESIGNATION | Associate Professor | |
| PHONE | +91 9986428982 | |
| EMAIL ID | manjunathbtalawar@jssateb.ac.in | |
| Date of Joining (JSSATEB) | 09-08-2007 | |

2. Experience

| | | | |
|---------------------------|---------------------------|---------------|--------------------------|
| Total Experience in Years | Teaching: 16 Years | Industry: Nil | Research: 6 Years |
|---------------------------|---------------------------|---------------|--------------------------|

3. Qualifications

| COURSES | SPECIALIZATION | Year of Award | INSTITUTION | UNIVERSITY |
|------------------------|--------------------------------|---------------|--|--|
| B.E. / M.Sc., | Computer Science & Engineering | 2005 | Basaveshwara Engineering College Bagalkot, Karnataka, India 587102 | Visvesvaraya Technological University, Belgavi |
| M.E. / M.Tech. / M.Sc. | Computer Science & Engineering | 2008 | R.V. College of Engineering (RVCE), Bengaluru, Karnataka 560059 | Visvesvaraya Technological University, Belgavi |
| Ph.D. | Computer Science & Engineering | 2023 | JSS Academy of Technical Education, Bengaluru-560060, Karnataka, India | Visvesvaraya Technological University, Belgavi |

4. Research & Publications

| | | |
|---|---|-------------|
| Papers Published in Web of Science indexed Journals | International: 2 | National: 0 |
| Papers Published in SCOPUS indexed Journals | International: 2 | National: 0 |
| Papers Published in other Journals | International: 5 | National: 0 |
| Papers Presented in Conferences / Symposium | International: 2 | National: 1 |
| Books / Book chapters Published | Name of the book: Studies in Computational Intelligence Publisher: Springer Year of Publication: 2020 | |

5. Publications

i. International Journals

| Sl. No. | Title of the paper | Name(s) of Author(s) | Name of the Journal | Volume No. Issue No. Year | WOS/ Scopus / Both | Impact Factor | Publisher |
|---------|--|--|--|------------------------------------|--------------------|---------------|-----------|
| 1 | Energy Auditing and Broken Path Identification for Routing in Large-Scale Mobile Networks Using Machine Learning | Manjunath B. Talawar, Nookala Venu, M. Revanesh, M. Supriya, A. Asha, Lydia D. Isaac, Alachew Wubie Ferede | Wireless Communications and Mobile Computing | Volume No2022. Issue No. Year 2022 | Yes | 2.146 | Hindawi |
| 2 | Machine Learning-Based Simplified Early Link Failure Detection Model for Mobile Ad-Hoc Network | Manjunath B Talawar, Dr. D V Ashoka, Dr. R Nagaraja | International Journal of Computer Science and Network Security | Volume No22 Issue No. 4Year 2022 | Yes | -- | --- |
| 3 | Food Crisis-How Artificial Intelligence and Machine Learning Are Solving Humanity's Greatest Challenge—A Review | Kiran, Anirudh; Narayana Raj, G.; Talawar, Manjunath B. | Journal of Computational and Theoretical Nanoscience | Volume No 17 Issue No. Year 2020 | Yes | --- | --- |
| 4 | Analyzing Social Media Data in Educational Sector Using Data Mining | Manjunath B Talawar, Prasad M R Sreenatha M, Niranjana C Kundur | International Journal of Computer Science and Information Technologies | Volume No.: 7 Issue :4 Year: 2016 | NO | — | — |
| 5 | Instant Access of Power Usage through IP Enabled Electronic Power Meter | Dr.D V Ashoka Sharanabasavana Gowda, Sreenatha M, Manjunath B Talawar | International Journal of Engineering Research and Development | Volume No. :11 Issue: 3 Year: 2015 | NO | — | — |
| 6 | A Short Study on MPLS with Internet Traffic Engineering | Manjunath B Talawar,Dr.D V Ashoka | International Journal of Engineering Research and Development | Volume No. :10 Issue: 9 Year: 2014 | NO | — | — |
| 7 | Comparative Study on Global and Local Alignment | Abhilash C B,Manjunath B Talawar | International Journal of Computer Trends and Technology | Volume No. :4 Issue :6 Year: 2013 | NO | — | — |

ii. Conferences

| Sl. No. | Title of the paper | Name(s) of Author(s) | Name of the Journal | Volume No. Issue No. Year | WOS/ Scopus | Impact Factor | Publisher |
|---------|---|------------------------------------|---------------------|----------------------------|-------------|---------------|-----------|
| 1 | Link Failure Detection in MANET: A Survey | Manjunath B Talawar, Dr.D V Ashoka | | Volume No.:885 Year : 2020 | Scopus | --- | Springer |

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|---|---|-----------------------------------|--|---|-----|------|----------|
| 2 | A Novel approach for Remote Monitoring of BMC | Abhilash C B, Manjunath B Talawar | | Volume No.:1 Issue :1 Year : 2013 | --- | ---- | Elsevier |
|---|---|-----------------------------------|--|---|-----|------|----------|

iii. Workshops /Conferences Attended

| Sl. No. | Name of the workshop / Conference | Organiser | Date |
|---------|---|------------|-----------------|
| 1 | FDP on "AI and Machine learning Techniques for Precision Agriculture" | ATAL | Oct 10-21 2022 |
| 2 | FDP on "Teaching Techniques in Innovation & Design Thinking" | AICTE-VTU | Dec 6-11 20221 |
| 3 | FDP on Emotional Intelligence | ATAL | JUN 7-11 2021 |
| 4 | FDP on Block Chain | ATAL | JAN 11-15 2021 |
| 5 | Postharvest and Processing (Food Technology) | ATAL | Nov 2-6 2020 |
| 6 | Semantic Intelligence: Applications and Perspectives | ATAL | Sep 26-30 2020 |
| 7 | 5-Days Deep Learning | NITC | Dec 18-22,2018 |
| 8 | Computational Data Science | JSSATEB | JAN 16-21 2017 |
| 9 | Research Methodology | RVCE | JUN 06-11 2016 |
| 10 | SAN: Configuration & Management Simplified | BNMIT | JAN 19-23 2015 |
| 11 | Network Simulation | RVCE | JAN 27-31 2014 |
| 12 | Social Computing, Analytics, Mobility and Cloud Computing | Cognizant | July 27-28 2012 |
| 13 | Teaching Computer Networks Effectively | IIT Madras | JUN 16-27 2008 |

iv. Workshops / Conference (Organised)

| Sl. No. | Name of the workshop / Conference | Organised by | Date | Role |
|---------|---|---------------------------------|--------------------------|-------------|
| 1 | Problem Solving through Programming using C | Dept. of CSE, JSSATE, Bengaluru | 09/05/2022 to 11/06/2022 | Coordinator |

6. Details of NPTEL / COURSERA courses completed

| Sl. No. | Name of the subject | Organised by | Date of completion / Award | Grade / Marks |
|---------|-------------------------------------|--------------|----------------------------|---------------|
| 1 | Switching Circuits and Logic Design | NPTEL | July-Oct 2019 | Qualified |

7. Membership of Professional Bodies:

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| IAENG INTERNATIONAL ASSOCIATION OF ENGINEERS |
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Irins Link : <https://jssateb.irins.org/profile/98692>

Scopus Link : <https://www.scopus.com/authid/detail.uri?authorId=57218126607>

Google Scholar Link : <https://scholar.google.co.in/citations?user=hGAlgLQAAAAJ>

Mr. Manjunath B Talawar

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